

Claims

1-9. **canceled.**

10. **(currently amended)** A composition useful for the breaking of rest in deciduous fruit species comprising an organic nitrogen-containing compound selected from the group consisting of ethylenediamine, (C₁-C₃)alkylated ethylenediamines, (carboxymethyl)tri-(C₁-C₃)-alkylammonium salts, (2-hydroxyethyl)tri(C₁-C₃)alkylammonium or choline salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxybutyl)tri(C₁-C₃)alkylammonium salts, and mixtures thereof, an inorganic nitrate rest-breaking agent, and a surfactant.

11. **(Previously Presented)** The composition of claim 10 wherein the organic nitrogen-containing compound is selected from the group consisting of (2-hydroxyethyl)tri(C₁-C₃)alkylammonium salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, and (2-hydroxybutyl)tri(C₁-C₃)-alkylammonium salts, and mixtures thereof.

12. **(Previously Presented)** The composition of claim 11 wherein the organic nitrogen-containing compound is a (2-hydroxyethyl)trimethylammonium or choline salt.

13. **(Previously Presented)** The composition of claim 12 wherein the organic nitrogen-containing compound is choline chloride.

14. **(Previously Presented)** The composition of claim 10 wherein the inorganic nitrate rest-breaking agent is selected from the group consisting of potassium nitrate, calcium nitrate, ammonium nitrate, calcium ammonium nitrate, urea ammonium nitrate, zinc ammonium nitrate, and mixtures thereof.

15. **(Previously Presented)** The composition of claim 14, wherein the inorganic nitrate rest-breaking agent is selected from the group consisting of calcium nitrate, calcium ammonium nitrate, urea ammonium nitrate, and mixtures thereof.

16. **(Previously Presented)** The composition of claim 10 wherein the surfactant is an alkoxyated amine or alkoxyated quaternary ammonium compound.
17. **(Previously Presented)** The composition of claim 16 wherein the surfactant is an alkoxyated amine.
18. **(Previously Presented)** A method for breaking the rest in deciduous fruit species which comprises applying to said species a rest-breaking composition which comprises an organic nitrogen-containing compound having a molecular weight of 60 to 300, an inorganic nitrate rest-breaking agent, and a surfactant with the proviso that said nitrogen containing compound is not urea or dinitro-ortho-cresol.
19. **(Previously Presented)** The method of claim 18 wherein the deciduous fruit species is selected from the group consisting of apple species and grape species.
20. **(currently amended)** The method of claim 18 wherein the organic nitrogen-containing compound is selected from the group consisting of (2-hydroxyethyl)tri(C₁-C₃)alkylammonium or choline salts, (2-hydroxypropyl)tri(C₁-C₃)alkylammonium salts, and (2-hydroxybutyl)tri(C₁-C₃)-alkylammonium salts, and mixtures thereof.
21. **(Previously Presented)** The method of claim 18 wherein the organic nitrogen-containing compound is a (2-hydroxyethyl)trimethylammonium or choline salt.
22. **(Previously Presented)** The method of claim 21 wherein the organic nitrogen-containing compound is choline chloride.
23. **(Previously Presented)** The method of claim 18 wherein the inorganic nitrate rest-breaking agent is selected from the group consisting of potassium nitrate, calcium nitrate, ammonium nitrate, calcium ammonium nitrate, urea ammonium nitrate, zinc ammonium nitrate, and mixtures thereof.

24. **(Previously Presented)** The method of claim 23 wherein the inorganic nitrate rest-breaking agent is selected from the group consisting of calcium nitrate, calcium ammonium nitrate, urea ammonium nitrate, and mixtures thereof.
25. **(Previously Presented)** The method of claim 18 wherein the surfactant is an alkoxylated amine or alkoxylated quaternary ammonium compound.
26. **(Previously Presented)** The method of claim 25 wherein the surfactant is an alkoxylated amine.